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CENTRAL INTELLIGENCE AGENCY PHOTOGRAPHIC INTELLIGENCE CENTER

JOINT PHOTOGRAPHIC INTELLIGENCE OAK REPORT ARMY - NAVY - CIA - AIR FORCE

INTRODUCTION

THIS IS THE FOURTH IN A SERIES OF OAK REPORTS DEALING WITH PRIORITY ITEMS OF INTELLIGENCE SIGNIFICANCE APPEARING ON PHOTOGRAPHY OF MISSION 9009. THIS REPORT COVERS THE OAK-REPORTING PERIOD FROM 1500 HOURS, 29 AUGUST 1960, THROUGH 1500 HOURS, 30 AUGUST 1960.

OAK PHOTOGRAPHIC INTELLIGENCE TEAMS ARE ENGAGED IN A TWO-PHASE EXPLOITATION OF MISSION 9009. THE FIRST PHASE IS CONCERNED WITH AN INITIAL SCAN OF PHOTOGRAPHY AND AN INDEXING OF ALL ITEMS OF INTELLIGENCE SIGNIFICANCE. A COMPLETE INDEX OF INTELLIGENCE ITEMS WILL BE PUBLISHED AFTER COMPLETION OF THE OAK-REPORTING PERIOD. THE SECOND PHASE IS CONCERNED WITH A PRELIMINARY ANALYSIS OF PRIORITY ITEMS UNCOVERED IN THE INITIAL SCAN. THESE ITEMS ARE THE SUBJECT OF THE DAILY OAK REPORTS.

THE DAILY OAK REPORTS WILL CONSIST, BASICALLY, OF A BRIEF INTRODUCTION AND SUMMARY, FOLLOWED BY A LISTING OF PRIORITY ITEMS WHICH HAVE BEEN THE SUBJECT OF PRELIMINARY ANALYSIS. THESE ITEMS WILL BE REPORTED IN THE FOLLOWING PREASSIGNED CATEGORIES.

- A. GUIDED MISSILES AND ELECTRONICS
- B. NUCLEAR ENERGY
- C. AIRFIELDS
- D. MILITARY INSTALLATIONS
- E. PORTS AND HARBORS
- F. MAJOR COMPLEXES
- G. MISCELLANEGUS ITEMS

FOR PURPOSES OF CONSISTENCY, THE ABOVE CATEGORIES WILL APPEAR IN THE OAK REPORT EVERY DAY, EVEN IF NO PRIORITY ITEMS ARE LISTED WITHIN THE CATEGORY. FURTHER INFORMATION RESULTING FROM ADDITIONAL PRELIMINARY ANALYSIS OF PREVIOUSLY REPORTED ITEMS WILL BE INCORPORATED IN SUBSEQUENT OAK REPORTS.

Per No. 590/60-KE

31 August 1960 Pate of Info. 18 August 1960 SUMMARY Al OF 1500 HOURS: 30 AUGUST 1960, APPROXIMATELY 99 PERCENT OF MISSION DOOD HAD BEEN SCANNED. ALL PASSES HAVE BEEN COMPLETED EXCEPT FOR A PORTION 25X1D IT SHOULD BE NOTED THAT PRELIMINARY ANALYSIS HAS NOT BEEN COMPLETED ON ALL PRIORITY (TEMS WITHIN THE AREA SCANNED) FOR EXAMPLE. PRECENTINARY ANALYSIS CONTINUES ON SOME INTELLIGENCE ITEMS COVERED EVEN THOUGH INITIAL SCAN OF THAT PASS WAS COMPLETED 25X1D DURING THE SECOND CAK-PEPORTING PERIOD. PRESENT ESTIMATES INDICATE THAT PRELIPINARY ADALYSIS WILL CONTINUE FOR SEVERAL DAYS AFTER COMPLETION OF THE SCAN. ITEMS ON WHICH PRELIMINARY ANALYSIS HAS BEEN COMPLETED DURING THE CURRENT REPORTING PERIOD ARE INCLUDED IN THIS REPORT. SUMMARIZED BELOW ARE THE MAJOR ITEMS OF INTELLIGENCE INTEREST. GUIDED MISSILES SAM SITES NEAR SOFIA, BULGARIA THREE NEWLY IDENTIFIED HEXALIC SAME SATES IN THE VICENITY OF SOFIA, BULGARIA, WERE CONFIRMED. THIS IS THE FIRST KNOWN PHOTOGRAPHY OF SAM SITES IN BULGARIA. THIS BRINGS THE TOTAL TO DATE TO 15 NEW HEXADIC SITES CONFIGNED AND 6 POSSIBLE SITES UNDER CONSTRUCTION IN THE DOVIET BLOC: ALL OBSERVED FOR THE FIRST TIME ON 25X1 PHOTOGRAPHY. 25X1B

AMFIELDS

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NINE AXRFIELDS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD. THESE INCLUDE THREE WITH CONCRETE RUNWAYS IN EXCESS OF 9,000 FEET, TWO SMALLER FIELDS WITH ALL-WEATHER RUNWAYS. AND FOUR FIELDS WITH DIRT STRIPS OR SOD LANDING AREAS.

A NEW RUNWAY UNDER CONSTRUCTION AT VLADIMIROVKA NOW EXTENDS 11.500 FEET. WITH EARTH SCARS INDICATING A POSSIBLE LENGTH OF 15.000 FEET ON COMPLETION.

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				ILLEGIB
	• <u>C. 196</u> D MISSILES	AND ELECTRONICS		
	i. FEXADIC	2 SAM SITES		
	OF SCFIA, 3	SAM SITES HAVE BUEN 10 ULGARIA: DURING THE CU D OF THESE SITES FOLLO	JRRENT REPORTING P	
S I 78	COOR	DISTANCE/DIRECTION	FROM SOFIA S	STATUS
2 3	42 21N - 23 07E 42 24N - 23 27E 47 35N - 23 43E	19 NM SSE	CC	DMPLETE DMPLETE DMPLETE
	THIS IS THE	FIRST KNOWN PHOTOGRAP	PHY OF SAM SITES I	N
25X1D	LOCATED ON PHOTOGRAPHY	THE BASIS OF PREVIOUS PHOTOGRAPHIC LIMITA SCRIPTION OF THIS SITE	IDENTIFICATION ON ATIONS PRECLUDE A	25/(1
	MISSILES AN	UR DESCRIBED BELOW IS D ELECTRONICS CATEGORY ELISENCE COMMUNITY IN S.	PECAUSE OF THE I	INTEREST
25X1D	56 1ØN - 87			
25X1D	ROUD LETWOR Pautography	S TO SERVE A SMALL POS D HEAR THE SPUR HAS BE STOWN DE AREAS APPAREN	EEN EXTENDED SINCE NEITHER THE HOUSIN	25X1

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25X1		ARE DISCERNIBLE ONPHO	TOGRAPHY.		
	₿.,				
25X1B					
	Ca Ali	REXELDS			
	1	ABAKAN AIRFIELD			
25X1D		53 45N - 91 24E			
25X1		ASSOTW LISTS THIS AS A SOD LAN MEASUREMENT ON PHOTOGR	APHY GIVES A LENGTH OF		
		3.800 FT ALONG A NE/SW AXIS. CANNOT BE DETERMINED FROM	WIDTH AND SURFACE TYPE PHOTOGRAPHY.		

25X1

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AIRFIELD IS A FLYAWAY FIELD FOR THE GORKIY ORDZHONIKIDZE AIRFRAME PLANT 21. THE NEW RUNWAY WITH TAXIWAY SYSTEM

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AND POSSIBLE PARKING RAMP IS LOCATED 1.5 NM W OF THE AIRFRAME PLANT. IT IS POSSIBLE THAT A NEW MAJOR FABRICATION BUILDING HAS BEEN ADDED TO THE AIRFRAME PLANT.

	6. LUKHOVITSY AIRFIELD <u>54 54N = 39 ØØE</u>
25X1D	
	9,800 X 280 FT E/W CONCRETE RUNWAY MEASUREMENTS FROM ASSOTW)
25X1	AIRFIELD IS CONNECTED BY ROAD TO LARGE POSSIBLE STORAGE AREA CLOUD COVER PREVENTS INTERPRETATION OF STORAGE AREA.
05V4D	7. MUROM AIRFIELD 55 27N - 42 19E
25X1D	
25X1	9.600 X 275 FT NE/SW CONCRETE RUNWAY (MEASUREMENTS FROM MISSION 9009)
	THE RUNWAY IS PROBABLY BEING EXTENDED TO 11,400 FT.
	8. PRAVDINSK AIRFIELD 56 31N - 43 29E
25X1D	70 51N = 45 29E
25X1	6,800 X 150 FT NNW/SSE CONCRETE RUNWAY (MEASUREMENTS FROM MISSION 9009)
	9. VLADIMIROVKA AIRFIELD 48 18N ⇔ 46 13E
25X1D	
	8,200 X 280 FT NW/SE CONCRETE RUNWAY 8,500 X 350 FT E/W DIRT RUNWAY
25X1 25X1D	(MEASUREMENTS FROM PHOTOGRAPHY

25X1D

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25X1

25X1

ESTIMATED 15:000 X 400-450 FT E/W RUNWAY U/C (MEASUREMENTS FROM MISSION 9009)

17 BOMBERS ON DIRT RUNWAY AREA AND AIR-GROUND RANGE AREA. 8 POSSIBLE U/I SWEPT-WING FIGHTERS ON DIRT RUNWAY AREA. 42 PROBABLE BOMBER OR LARGE FIGHTER AIRCRAFT ON MAIN RUNWAY AREA.

25X1D

NO MAJOR CHANGES IN AIRFIELD SUPPORT AREAS SINCE

PHOTOGRAPHY

S OF LISTED DIRT RUNWAY AT S BOUNDARY OF INSTALLATION IS
NO LONGER VISIBLE. RUNWAY U/C NOW EXTENDS TO 11.500 FT
WITH EARTH SCARS EXTENDING TO 15.000 FT.

10. AIRFIELDS PREVIOUSLY REPORTED BUT NOT LOCATED OR CLOUD COVERED

GIZHIGA SEAPLANE STATION 61 57N - 160 23E

MONERON AIRFIELD 46 15N = 141 13E

MYS BILLINGSA AIRFIELD 69 52N = 175 45E

MYS SHELAGSKIY AIRFIELD 70 06N = 170 29E

PADALI AIRFIELD 50 13N = 136 40E

PEVEK AIRFIELD 69 45N = 170 36E

URATAE AIRFIELD 47 19N = 142 34E

USHIRO AIRFIELD 48 58N - 141 59E

VANKAREM AIRFIELD 67 48N - 175 50W

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D. MILITARY INSTALLATIONS

25X1D	1. ADADYM AMMUNITION DEPOT 55 59N = 90 20E DEPOT; LOCATED 1 NM WSW OF NAZAROVO; CONTAINS APPROXIMATELY 67 STORAGE BUILDINGS. IT IS DOUBLE-FENCED AND RAIL=SERVED AND HAS A SMALL ASSOCIATED SUPPORT AREA.
25X1D 25X1 25X1	2. CHUCHKOVO AMMUNITION STORAGE INSTALLATION 54 23N - 41 22E PHOTOGRAPHY SHOWS 134 REVETTED STORAGE BUILDINGS ARE SERVED BY 6 N-S INTERNAL ROADS (NOT 8 AS REPORTED FROM PHOTOGRAPHY NO OTHER CHANGES NOTED SINCE PHOTOGRAPHY. SUPPORT AREA LOCATED APPROXIMATELY 1 NM SW IS PARTIALLY CLOUD COVERED.
25X1D	3. POSSIBLE ARMORED TRAINING AREA 2 NM S OF MUKACHEVO 48 22N = 22 42E AREA CONTAINS GROUND SCARS WHICH ARE CHARACTERISTIC OF MOST ARMORED TRAINING GROUNDS. TWO PATTERNS VISIBLE SUGGEST A DRIVER TRAINING AREA AND A TRANSITION—TYPE MOVING=TARGET RANGE. HEAVY CLOUDS N AND W OF THE SITE COVER PART OF THE RANGE AND POSSIBLY A BARRACKS AREA.
25X1D 25X1D	4. POSSIBLE EXPLOSIVES-STORAGE AREA 2 NM SE OF SHUYA 56 50N - 41 25E AREA CONTAINS SECURED STORAGE FACILITY, PROBABLY DOUBLE- FENCED. NO APPARENT CHANGE SINCE PHOTOGRAPHY OF

25X1

25X1D

25X1D

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5. POSSIBLE EXPLOSIVES-STORAGE AREA 5 NM SSE OF SHUYA
56 47N - 41 26E

THE AREA IS RECTANGULAR AND IS SURROUNDED BY A CLEARED
FIREBREAK. PROBABLE ROADWAYS ARE INDICATED BY PARALLEL
CLEARED STRIPS WITHIN THE AREA. AREA IS SERVED BY
SECONDARY ROADS AND TRAILS. NO WAREHOUSE-TYPE BUILDINGS
ARE VISIBLE. AREA WAS COVERED BY PHOTOGRAPHY OF

25X1

6. MILITARY PROCESSING, STORAGE, AND HANDLING COMPLEX NEAR SUROVATIKHA

25X1D 55 43N - 43 53E

THIS COMPLEX, 4 SQ MI IN AREA AND OF IRREGULAR SHAPE, IS LOCATED 2 NM SW OF SUROVATIKHA AND 38 NM N OF ARZAMAS ALONG THE ARZAMAS—GORKIY RAIL LINE. TWO RAIL SPURS ENTER THE COMPLEX FROM THE MAIN LINE AND SPLIT INTO SEVERAL OTHER SPURS WHICH SERVE THE VARIOUS FACILITIES IN THE COMPLEX. THESE FACILITIES INCLUDE AN EXTENSIVE WARE—HOUSING AND REVETTED STORAGE AREA, A LARGE SUPPORT AND HOUSING AREA TOGETHER WITH PROCESSING AND HANDLING FACILITIES FOR STORED MATERIALS, AND AN AREA OF UNIDENTIFIED FUNCTION IN A HEAVILY WOODED LOCATION APPROXIMATELY 2 NM S OF THE STORAGE. THIS UNIDENTIFIED AREA IS SERVED BY A GOOD ROAD FROM THE STORAGE AREA AND CONSISTS OF SEVERAL CLEARINGS INTERCONNECTED BY ROADS.

2*5*%%10

25X1D

7. MILITARY AMMUNITION STORAGE DEPOT NEAR ZHUKOVKA 56 Ø1N - 91 46E

25X1D

25X1D

25X1D

DEPOT, LOCATED 5 NM SE OF ZHUKOVKA, CONTAINS APPROXIMATELY 60 DISPERSED STORAGE BUILDINGS, AT LEAST ONE LARGE SERVICE BUILDING, AND SEVERAL SMALLER STRUCTURES. IT IS SECURED AND ROAD AND RAIL SERVED.

AN ASSOCIATED SUPPORT AREA, LOCATED 1 NM NW OF THE DEPOT, CONTAINS 20 DISCERNIBLE BUILDINGS.

RAIL SERVICE CONSISTS OF A SINGLE-TRACK SPUR LINE

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BRANCHING OFF FROM THE DOUBLE-TRACK TRANS-SIBERIAN RAILROAD IMMEDIATELY SE OF ZHUKOVKA.

E. PORTS AND HARBORS

NO ITEMS DURING THE CURRENT REPORTING PERIOD

F. MAJOR COMPLEXES

1. GORKIY

56 19N = 43 54E

25X1D

APPROXIMATELY 50 PERCENT OF THE GORKIY COMPLEX IS VISIBLE THROUGH SCATTERED CLOUDS. THE CENTRAL PORTION OF THE COMPLEX, INCLUDING INDUSTRIAL AND TRANSPORTATION FACILITIES ALONG THE CONFLUENCE OF THE OKA AND VOLGA RIVERS, IS OBSCURED BY HEAVY CLOUD COVER.

TWO LARGE BUILDINGS APPARENTLY HAVE BEEN ADDED TO THE GORKIY MOTOR VEHICLE PLANT MOLOTOV I SINCE WW II PHOTOGRAPHIC COVERAGE.

TWO LARGE POL STORAGE AREAS, NEW SINCE WW II, ARE LOCATED AT 56 23N - 43 45E AND AT 56 25N - 43 39E.

HOUSING FACILITIES IN THE CLOUD-FREE AREAS APPEAR TO HAVE INCREASED APPROXIMATELY 10-15 PERCENT SINCE THE PHOTOGRAPHIC COVERAGE.

25X1D

2. KINESHMA

57 26N - 42 09E

25X1D

KINESHMA, WHICH WAS PARTIALLY OBSCURED BY SCATTERED CLOUDS AT THE TIME OF PHOTOGRAPHY, SHOWS NO SIGNIFICANT CHANGES FROM TARGET CHART

25X1A

A RAIL SPUR LINE HAS BEEN EXTENDED W APPROXIMATELY 5 NM TO THE TOWN OF NAVOLOKI; WHERE IT SERVES A POL STORAGE AREA CONTAINING AT LEAST 11 VERTICAL STORAGE TANKS.

OAK 9009 - Part 4 Par No. 590/60-KE 31 August 1960 Date of Info. 18 August 1960 S& KOKCHTTAV 53 16N = 69 23E 25X1D KOKCHETAV IS PARTIALLY COVERED BY CLOUD-FREE PHOTOGRAPHY. THE TOWN EITHER HAS BEEN INCORRECTLY PLOTTED ON EXISTING MAPS OR HAS EXPANDED TO THE SOUTH SHORE OF LAKE KOPA. AC UNUSUAL ACTIVITY APPARENT IN PORTION OF TOWN COVERED BY PHOTOGRAPHY. 4. MUROM 55 34N - 42 Ø3E 25X1D MUROM IS COVERED COMPLETELY, BUT THERE ARE SCATTERED CLOUDS. NEW CONSTRUCTION, MAINLY HOUSING BUT ALSO LARGE BUILDINGS, IS VISIBLE IN NW SECTION OF TOWN. THERE ARE NO OTHER APPARENT CHANGES SINCE WORLD WAR II PHOTOGRAPHY. 5. NIKOLAYEVSK-NA-AMURE 53 Ø8N = 140 40E 25X1D NIKOLAYEVSK-NA-AMURE IS COMPLETELY COVERED BY GLOUD-FREE PHOTOGRAPHY. MINOR EXPANSION, PRIMARILY HOUSING, IS NOTED ON THE No E. AND W SIDES. PORT ACTIVITY APPEARS NORMAL. 6. RYAZAN 54 37N = 39 44E 25X1D RYAZAN IS COMPLETELY COVERED BY PHOTOGRAPHY, BUT SCATTERED CLOUDS AND CLOUD SHADOW PRECLUDE OBSERVATION OF SOME AREAS. THERE HAS BEEN CONSIDERABLE INDUSTRIAL AND 25X1B RESIDENTIAL EXPANSION, INCLUDING FIVE NEW INDUSTRIAL

AREAS. IN THE SOUTHERN SECTION OF THE CITY SINCE WORLD

PHOTOGRAPHY.

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25X1D	7° YAKUTSK 62 Ø3N - 129 43E HEAVY HAZE AND SCATTERED CLOUDS PRECLUDE INTERPRETATION OF THE YAKUTSK COMPLEX.	
	G. MISCELLANEOUS ITEMS	
25X1D	1. ARZAMAS POWER SUBSTATION 55 27N - 43 58E THIS PRIMARY ELECTRIC POWER SUBSTATION: LOCATED 16 NM SSE OF ARZAMAS AND 6 NM WSW OF SHATKI: APPEARS TO HAVE 2 SECTIONS: ONE NEWER THAN THE OTHER. IT IS SERVED BY 3 POWER TRACES FROM S AND SE: 2 FROM W: 2 FROM N: 1 POSSIBLE FROM E: A SMALL HOUSING AREA IS LOCATED LMMEDIATELY E OF SUBSTATION:	
25X1B		
25X1D	3° GORKIY DAM & LOCKS 1 NM NW OF GORODETS 56 39N 43 26E AREA CONTAINS HYDROELECTRIC POWER COMPLEX, POWER PLANT, DAM, TWO DOUBLE-CHAMBER LOCKS, AND WINTER HARBOR.	
25X1B		

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25X1B		
25X1D	5. STORAGE AREA 6 NM ESE OF NIKOLAYEVSK-NA 53 06N - 140 49E STORAGE AREA IS ROAD SERVED AND APPEAR	
	APPROXIMATELY 7 STORAGE BUILDINGS. A	

AROUND THAT PORTION OF THE AREA NOT BOUNDED BY ROADS.